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<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>(21) International application number: <b>PCT/FR98/01241</b></p> <p>(22) International filing date: <b>12 June 1998 (12.06.98)</b></p> <p>(30) Data relating to the priority: 97/17.334 <b>13 June 1997 (13.06.97)</b> <b>FR</b></p> <p>(71) Applicant (for all designated States except US): <b>BIOPHARMEX HOLDING S.A. [LU/LU]: 38, avenue du X Septembre, L-2550 Luxembourg (LU).</b></p> <p>(72) Inventors: and</p> <p>(75) Inventors/Applicants (US only): <b>Jérôme ASIUS [FR/FR]: Les Campagnes, Le Mas Neuf, Route de Saint Aunes, F-34130 Maugio (FR). Hatem FESSI [FR/FR]: 40, rue d'Aubigny, F-69003 Lyon (FR). Franck GOUCHET [FR/FR]: 8, allée des Chausseurs, F-45450 Donnery (FR). Bénédicte LAGLENNE [FR/FR]: Les Campagnes, Le Mas Neuf, Route de Saint Aunes, F-34130 Maugio (FR). Elisabeth LAUGIER-LAGLENNE [FR/FR]: 25-27, rue Tronchet, F-75008 Paris (FR).</b></p> <p>(74) Representative: <b>Jean-Claude ROUSSET: Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).</b></p> </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b></p> <p><b>Published</b> With the International Search Report. Before expiry of the period provided for amending the claims, will be republished if such amendments are received.</p> </td> </tr> </table>			<p>(21) International application number: <b>PCT/FR98/01241</b></p> <p>(22) International filing date: <b>12 June 1998 (12.06.98)</b></p> <p>(30) Data relating to the priority: 97/17.334 <b>13 June 1997 (13.06.97)</b> <b>FR</b></p> <p>(71) Applicant (for all designated States except US): <b>BIOPHARMEX HOLDING S.A. [LU/LU]: 38, avenue du X Septembre, L-2550 Luxembourg (LU).</b></p> <p>(72) Inventors: and</p> <p>(75) Inventors/Applicants (US only): <b>Jérôme ASIUS [FR/FR]: Les Campagnes, Le Mas Neuf, Route de Saint Aunes, F-34130 Maugio (FR). Hatem FESSI [FR/FR]: 40, rue d'Aubigny, F-69003 Lyon (FR). Franck GOUCHET [FR/FR]: 8, allée des Chausseurs, F-45450 Donnery (FR). Bénédicte LAGLENNE [FR/FR]: Les Campagnes, Le Mas Neuf, Route de Saint Aunes, F-34130 Maugio (FR). Elisabeth LAUGIER-LAGLENNE [FR/FR]: 25-27, rue Tronchet, F-75008 Paris (FR).</b></p> <p>(74) Representative: <b>Jean-Claude ROUSSET: Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).</b></p>	<p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b></p> <p><b>Published</b> With the International Search Report. Before expiry of the period provided for amending the claims, will be republished if such amendments are received.</p>
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As printed

(54) Title: **IMPLANT FOR SUBCUTANEOUS OR INTRADERMAL INJECTION**

(54) Titre: **IMPLANT INJECTABLE PAR VOIE SOUS-CUTANEE OU INTRADERMIQUE**

(57) Abstract

The invention concerns an injection implant for filling up wrinkles, thin lines, skin cracks and scars, for reparative or plastic surgery, aesthetic dermatology, and for filling up gums in dental treatment. The invention concerns the use of biologically absorbable polymer microspheres or microparticles suspended in a gel. Said suspension is produced either ready-for-use or freeze-dried. The biological absorbability of the microspheres is controlled and enables the production of implants having well defined persistence and deliberately limited to 3 years.

(57) Abrégé

Implant injectable destiné au comblement des rides, ridules, dépressions cutanées et cicatrices, pour la chirurgie réparatrice ou plastique, la dermatologie esthétique, et au comblement des gencives pour la dentisterie. L'invention concerne l'utilisation de microsphères ou de microparticules de polymères bio-résorbables en suspension dans un gel. Cette suspension est présentée soit prête à l'emploi, soit sous forme lyophilisée. La bio-résorbabilité des microsphères est contrôlée et permet de réaliser des implants dont la rémanence est bien définie et limitée volontairement à 3 ans.